

FOLIO

The Man of the Hour (and the Next Five Years)

The Board of Governors last week approved a recommendation from its Presidential Review Committee to reappoint Myer Horowitz as President of The University of Alberta. Dr. Horowitz will begin his second five-year term on 1 August 1984.

Dr. Horowitz assumed the Presidency on 1 August 1979. His career here has also seen him hold the positions of Vice-President (Academic), Dean of the Faculty of Education, and Professor and Chairman of the Department of Elementary Education.

A graduate of McGill University, Sir George Williams University (now Concordia University), The University of Alberta, and Stanford University, Dr. Horowitz was a classroom teacher in his native Montreal prior to joining the Faculty of Education at McGill University. He left his position as Assistant Dean of Education at McGill in 1969 to take up the chairmanship of our University's Department of Elementary Education.

Dr. Horowitz has been President of such professional associations as the Canadian Bureau for International Education, the Canadian Committee on Early Childhood, and the Universities Co-ordinating Council, (Alberta). His consultative and evaluating expertise has been extended to the Minister of Education's (Alberta) Advisory Committee on Early Childhood, the Alberta Heritage Foundation for Medical Research, the Alberta Mission to Israel, and the Task Force on Policy for Private Colleges for the Alberta Minister of Education.

Among Dr. Horowitz's many honors and awards are honorary degrees from McGill and Concordia Universities, and the Phi Delta Kappa Educator of the Year Award (1976).

In compliance with a new policy relating to the performance review of the President, the Board of Governors established a Presidential Review Committee representative of the various constituencies on campus. The committee consisted of fifteen individuals, including representatives of the Board, Senate, AASUA and NASA, the

Students' Union, the Graduate Students' Association, and the Alumni Association.

Members found that their constituents were strongly supportive of the leadership which President Horowitz had given to the University. In recommending the continuation of his Presidency, a positive endorsement was conveyed to

the Board. In concluding its report, the committee stated that "the President was perceived to be effective at the local, national, and international levels. He was regarded as energetic, sensitive, approachable and decisive; and a man who loves his work." □

Psychologist Appointed Third Henry Marshall Tory Professor

Charles J. Brainerd, a scholar of the highest professional standards, has been named as the third recipient of a prestigious Henry Marshall Tory Professorship. The announcement was made at the 8 April meeting of the Board of Governors. Dr. Brainerd's appointment, effective 1 July 1983, is an interdisciplinary one, involving the Department of Psychology (Arts) and the Department of Educational Psychology.

Thrice a graduate of Michigan State University (BS 1966; MA 1968; PhD 1970), Dr. Brainerd taught at the University of Windsor for a year before beginning a five-year association with this University in 1971. Although his initial appointment in the Department of Psychology was in the Faculty of Science (his initial research interests were related to mathematical reasoning), his research has expanded in a variety of new directions. According to T.M. Nelson, Chairman of the Department of Psychology, Dr. Brainerd's work divides naturally into three major areas—philosophy, education, and child study. In addition, he has created secondary areas of interest

which include anthropology, history, law, linguistics, and sociology. He is frequently cited in a broad spectrum of journals bearing upon arts, humanities and social sciences, including journals of anthropology, education, English, history, law, linguistics, philosophy, sociology, and social work.

Currently a Professor of Psychology at the University of Western Ontario, Dr. Brainerd has acquired a high professional profile. He is a Fellow of the Society for Philosophy and Psychology, a Fellow of the Developmental Psychology Division, and a former member of the Programme Committee for the Philosophical Psychology Division of the American Psychological Association. He is an Officer of the International Society for the Study of Behavioral Development and an Officer of the Society for Research in Child Development. In addition to holding membership on numerous editorial boards, Dr. Brainerd acts as a consulting resource for a number of publishers who produce elementary school textbooks.

In recommending Dr. Brainerd's appointment as a Tory Professor, Dr. Nelson refers to him as an

outstanding candidate whose productivity has been "prodigious, varied, and of the highest professional standards." In addition, continues Dr. Nelson, his scholarly accomplishments are made more remarkable considering the short time span over which they have occurred. "Dr. Brainerd is barely thirty-eight years of age but with a splendid record of scholarship behind him. Notwithstanding his past eminence, we should bear in mind that the major part of his career is still to be realized."

Tory Chairs were created in 1968; financial constraints prevented any appointments until the University's Endowment Fund for the Future was established in 1980. Since then, two other Tory Professors have been named: Milton Freeman and Heinrich Baltes.

Named for Henry Marshall Tory, first President of The University of Alberta, the Chairs are intended for "outstanding individuals who by their presence will enhance the reputation of the University and who can provide leadership and experience for the strengthening of teaching and research in specific disciplines at the University." □

McCalla Professorship to be a Team Effort

For the first time since their inception in 1980, a prestigious McCalla Research Professorship has been awarded jointly. Professors Alice and Masao Nakamura of the Department of Finance and Management Science in the Faculty of Business will share a McCalla during the 1983-84 academic year, concentrating their research on "A Comparative Study of Performance Among Firms: Evaluation of Management Decision Making."

The efficient production of output by a firm is a fundamental assumption in our society, explain the Nakamuras in their McCalla research proposal. In spite of the assumption that firms generally operate efficiently, they have "observed a significant variation in performance among firms." It becomes important, then, to explain such variation in firms' performance in terms of "observable factors." Such analysis, state the Nakamuras, could provide "a basis for performance-based intervention policies." The analysis that they propose is important in its own right for assessing the quality of a firm's management. "If some firms

cope with economic recessions better than others in the same industry, for example, is it due to better management decisions made? If so, how is such decision making reflected in observable decision and state variables of the firm?" These sorts of questions will be examined by the Nakamuras in the joint research project.

According to J.D. Jobson, Chairman of the Department of Finance and Management Science, the joint McCalla makes "a great deal of sense. The Nakamuras' research has always been a joint effort...our Department and our Faculty will benefit greatly from their research output which should be of the highest calibre."

A graduate in administration engineering and applied engineering at Keio University (BS 1967; Ms 1969), Masao

Nakamura took his doctorate in operations research at Johns Hopkins University in 1972 prior to joining the staff of this University's (then) Faculty of Business Administration and Commerce. Dr. Nakamura's research and teaching interests span a wide range, including economic and financial behavior and models of families and firms; econometrics; computer applications in economics and business; microanalytic simulation; econometric studies of Japanese firms; and operations research/management science.

Alice Nakamura obtained her BS in economics from the University of Wisconsin in 1968; her PhD in economics came from Johns Hopkins University five years later. Her formal association with this University began in 1972; like her husband, she has been actively involved not only in the

Faculty of Business, but also as a research associate in the Population Research Laboratory. Her teaching and research interests centre around econometrics; labour and population economics; microanalytic simulation; and hiring and investment behavior of firms.

McCalla Professorships were established in November 1980 as a category of the University of Alberta Endowment Fund for the Future. Ten to fifteen of the prestigious awards are given out annually, providing each recipient with a nine-month special leave for research purposes. Professors Nakamura, in sharing a joint McCalla, will each be freed from normal teaching and administrative duties for a single term; Alice Nakamura having the fall term free, Masao Nakamura the winter term. □

Faculté Saint-Jean to Celebrate 75th Anniversary With Conference on Bilingualism

A decade has passed since the first national conference on bilingualism and education organized by Stephen Carey was held at Faculté Saint-Jean. During that time enrolment in French immersion and bilingual language programs has shown rapid growth throughout Canada. In Alberta, the surge of enrolment in French instructed programs has been such that it was necessary for Faculté Saint-Jean to establish a special teacher preparation program to meet the strong demand for its graduating teachers. With the rapid growth and diversification of target language instructed programs in Alberta and western Canada, various methodological and pedagogical issues have been raised. These relate to how content can best be taught through the target language so as to optimize both language and content learning.

In order to address some of these issues Professor Carey has been awarded \$45,000 in federal and provincial grants to organize and host the third in a series of

conferences on language acquisition and education. The conference, to be held at Faculté Saint-Jean 4 to 7 May, will feature twenty-two invited speakers who will address a variety of topics related to bilingualism and education. All sessions will be open to the University community and the wider community and no registration fees will be charged.

Included among the invited speakers are Wallace Lambert, McGill University; Henry Edwards, University of Ottawa; Raymond Mougeon, Ontario Institute for Studies in Education; Josianne Hammers, Université Laval; Tracy Terrell, University of Southern California; Frances Morrison, University of Ottawa; Geoffrey Mills, Ministry of Education, British Columbia; and André Obadia, Simon Fraser University. A major facet of the conference will be presentations by specialists in the Faculté's French instruction teacher program. Topics to be discussed include: Bilingualism and special education, the innovative

use of computers in language acquisition, automated translation, and projections on the future needs of immersion programs in Canada. The conference will provide information relevant to teachers, researchers, administrators, consultants and the general University public interested in recent developments and research results pertaining to immersion and bilingual school programs. As with the previous conferences in this series, the proceedings will be published in book form. The intent is that the proceedings serve as an update for the 1978 conference in this series. About 8,500 copies of that conference's proceedings were sold in short order.

A public information panel for parents interested in bilingual and immersion programs will be held at the Faculté on Thursday, 5 May, at 7:30 p.m. President Horowitz will present an address. To secure a copy of the conference program, contact Stephen T. Carey at Faculté Saint-Jean, telephone 468-1254. □

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Research Prizes Night

Retired boxing champion Sugar Ray Leonard, speaking at the recent Night of Champions, a Universiade '83 gathering, said: "The brain starts functioning from the moment you're born and it works until you get up to the podium." Of course, certain individuals never encounter Leonard's lament. At the 30 March presentation of the University of Alberta Research Prizes, Werner Israel and Norman Page showed that they and the podium are very compatible. On this night of (research) champions, Dr. Israel, Professor of Physics, and Dr. Page, Professor of English, went toe to toe with their research interests before an approving (and good sized) audience in SUB Theatre.

Vice-President (Research) Kaplan initiated the evening by stating that the work of researchers such as Drs. Israel and Page serves to make the University visible in the external world. John McDonald, Dean of the Faculty of Science, was unable to introduce Dr. Israel because, Dr. Kaplan said, in addition to "Deanning," he practices science on the side and it so happens that he's practicing at TRIUMF tonight.

In presenting Dr. Israel, A.N. Kamal, Chairman of the Department of Physics, said his colleague was best known for his mid '60s and early '70s work on gravitational collapse. Dr. Kamal hastened to add that Dr. Israel has hardly lain fallow in recent years. Black holes are his métier, so much so that, according to Dr. Kamal, he

sends one copy of a research paper to a major physics journal for publication and another copy to the Walt Disney people. "He was away from the University from 1974 to 1977...we thought he had been swallowed up by his own creation."

Dr. Israel said that his task of telling about his exotic work was made easier by virtue of the fact that everybody has heard of black holes. "If you don't find books on them in a bookstore's science section, you will in the mysticism and occult sections." He spoke of the "beauty, simplicity and surprise" in great and small discoveries, all the while informing the audience about the "event horizon" theorem (which defines the boundary of the black hole) and the "naked singularity" (the collapse of a star to a state of infinite density).

His research has centred on the properties of matter inside stars, and the interrelation between space, time, and matter. On the matter of black holes, the audience found Dr. Israel most enlightening.

Norman Page was introduced by Terry White, Dean of the Faculty of Arts. The fact that Dr. Page has published nineteen books and numerous articles and chapters in other volumes led the Dean to comment that there must be two Norman Pages. "One is regarded as one of the best teachers in the Department of English; the twin must be closeted away somewhere at the same time, doing all the research and writing." After hearing Dean White refer to him as a researcher and



1983 laureates Werner Israel (left) and Norman Page display their Prizes for Excellence in Research. The presentation of the award to Dr. Israel was made by Gordon Fearn, President of the AASUA; Dr. Page received his award from John Schlosser, Chairman of the Board of Governors. The prizes, originated last year, are sponsored by the University and the AASUA. The 1982 recipients were L.C. Green and Raymond Lemieux.

teacher who brings distinction to The University of Alberta, Dr. Page said that to deserve such treatment, "I feel one should be decently dead and buried."

A game of wits is always played between the biographer and his subject. Thomas Hardy, for example, covered his tracks so well that he ensured his privacy for years after his death, Dr. Page said. "I found that in the early '70s, some fifty years after his death, that there was no biography of him that came within miles of being adequate."

The biographer also has to contend with individuals who have strong objections in principle toward biographical writing. In Tennyson's words, "The poet's work is his life and no has the right to ask for more." The biographer is also at the mercy of time and chance, Dr. Page continued. Materials are often scattered far and wide; let no one tell you that the biographer's life is sedentary. Nothing, be it letters, manuscripts, hastily scrawled notes, can be neglected lest it contain a genuine nugget. And the biographer must wrestle with various versions of incidents and conversations involving his subject. Even contemporary accounts of a person's physical appearance can vary

widely, Dr. Page pointed out.

Collecting the evidence is only the beginning of the biographer's task. He must then decide what stays and what goes whilst keeping a wary eye on the "carelessly patrolled frontier between biography and romantic fiction." The biographer is the servant of fact, Dr. Page emphasized. Research Prizes Night showed that the speaker has ably carried out his duties. □

New GSA Executive

At its meeting on 8 March, the Council of the Graduate Students' Association elected the following Executive for the 1983-84 term: President: Richard Jehn (Linguistics) Vice-President (External): Ludger Mogge (History) Vice-President (Academic): Patrick Morin (Art and Design) Vice-President (Finance): Alan Pritchard (MBA) Vice-President (Services): Robert Tinkess (History) Secretary: Niall Shanks (Philosophy) Publications Editor: Candace Fertile (English) Members-At-Large: Jean Strong (Anthropology); Paul Wainaina (Educational Foundations). □

Do Darken Lister's Door

With the World University Games fast approaching, Housing and Food Services is planning to accommodate up to 150 Spring Session students in Lister Hall from 1 May to 11 June. The blueprint also calls for 200 Summer Session students to be housed in HUB/Garneau from 2 July to 13 August.

The following rates have been approved for Spring and Summer Session students and graduate students who are actively involved in

their program: Cost: \$7.50 per day; \$50 per week.

The above mentioned students who require accommodation for the months May to August are asked to contact Housing and Food Services so that plans to locate them in HUB or Garneau as of 1 May can be cemented. The address is: Housing and Food Services, The University of Alberta, Room 44 Lister Hall, Edmonton, Alberta T6G 2H6. Telephone 432-4281. □

Of Violet Archer and the Limelight

Violet Archer is one of Canada's most acclaimed composers. She is also one of her most prolific. Her retirement from "active service" at the University in 1978 (after sixteen years in the Department of Music) has done little to quell her composer's pen. And, in spite of a tremendously busy schedule, Dr. Archer has kept in touch with *Folio*, regularly submitting information on her many activities and contributions to the musical scene in Canada.

A copy of the list of Dr. Archer's recent compositions (as submitted by Dr. Archer) is available from the Office of Community Relations. Herewith,

the highlights: • "Trio no. 2 for Violin, Cello and Piano." Performed on an extended European tour (Britain, France, Italy, and Russia) by the Herz Trio of Calgary.

• "String Quartet no. 3." Commissioned by the CBC and premiered by the University of Alberta String Quartet in honor of the 75th Anniversary of the University (see *Folio*, 23 September 1982).

• Background music for the University of Alberta film "What So Ever Things Are True." Commissioned for the 75th Anniversary and produced by the Department of Radio and Television.

• "Sonata for Solo Cello." World premiere performed by Shauna

Rolston at the Banff Festival of the Arts, 9 July 1982; European premiere (also by Miss Rolston) at the International Festival of Music and Architecture, L'Aquila, Italy.
• "Capriccio, for cello and piano."

Commissioned by Claude Kenneson, Professor of Music, and premiered by him with Brian Harris, Associate Professor of Music, in Wigmore Hall, London, England. □

Material From University Collections on Display at Provincial Museum

The Provincial Museum of Alberta's bow to Universiade '83 includes Inuit material from the University of Alberta Collections.

Inuit Games and Contests, an exhibition which just opened in feature gallery three of the Museum, has been built around the Clifford E. Lee Collection of Inuit prints which were gifted to the University Collections on the occasion of the Commonwealth Games in 1978. The Douglas Lord Collection and the McCaul and Hornby Collections also figure prominently in the exhibition.

Helen Collinson, Director of

University Collections, has selected a number of Inuit artifacts from the Collections on the subject of games, contests and celebration. Many model tools and some dolls and small sculptures also take their place in the exhibition.

Mrs. Collinson points out that the University does not have many opportunities to show its impressive collections to a wide general audience and so pleasure is derived from lending the material to the Provincial Museum.

The exhibition will be on display until 17 July. □

Getting a Handle on Chemical Measurements

A two-day short course on the quality assurance of chemical measurements will be presented on 7 and 8 July in the Department of Chemistry. The course is concerned with the techniques to improve the precision and accuracy of analytical measurements such as those needed in the compositional analysis of materials, process control, and regulatory enforcement.

The lecturer will be John K. Taylor, Coordinator for Chemical Measurement Assurance and Voluntary Standardization. Dr. Taylor

is based at the Center for Analytical Chemistry, National Bureau of Standards, Washington, D.C.

The fees are: CIC Members, \$125; Non-members, \$150; Students, \$50.

The course is sponsored by the Chemical Institute of Canada (Edmonton Section). For more information, contact S. Pons, CIC-Edmonton, Department of Chemistry, The University of Alberta, Edmonton, Alberta T6G 2G2. Telephone 432-2610. □

SORSE Soaring

SORSE (Students Orientation Services) seems headed for something akin to SRO status. Some eighty students have volunteered to act as leaders for the various seminars that introduce new students to the University. And, says Cathy Richardson, Associate Director of SORSE, the response from faculty interested in speaking to groups of incoming students has exceeded expectations.

It is anticipated that about 2,000 students will attend the seminars which will be held throughout August and on the first weekend in September. By taking advantage of the seminars, students can familiarize themselves with the financial scene (including loan forms), academic skills and concerns, the library system, time management, the layout of campus, and other matters.

SORSE started receiving applications pertaining to the seminars in late March; last year nary a word was heard until May.

Having again received funding from the Board of Governors and the Students' Union, SORSE will underline the training of leaders by holding a refresher course for holdover leaders and a training weekend for newcomers. More written material will be available to seminar adherents and more charts and visual aids will be added to the SORSE library. As in the past, SORSE will rely on the willingness of second and third year students to dispense advice to newcomers.

Although first-time students are to SORSE what parking spots are to campus habitués, a transfer student orientation program which includes a session on the University's marking system and an orientation program for students entering their second term are also offered.

The August seminars for first-year students will be held at various locations on campus; the September weekend seminar will be held at Lister Hall.

The Director of SORSE is Debra Nichols. Inquiries should be directed to her or to Cathy Richardson at 278 SUB, telephone 432-5319. □

Microsurfacing Lathe Lowdown

On 15 April the official opening of the Department of Electrical Engineering's Microsurfacing Lathe will take place. This machine, made by Pneumo Precision Inc. of Keene, New Hampshire, is capable of producing radially symmetric optical surfaces which are finished to very high tolerances of optical accuracy. These tolerances are obtained by computer control which uses a laser interferometer as a feedback device. Cutting tools employed are highly finished diamonds.

The Microsurfacing Lathe is a unique facility in Canada and only about ten of the machines are in use in North America. The Department of Electrical Engineering expects to do work for a variety of users including other departments, other universities, and research institutions and industrial concerns. Funding for the facility was obtained from two Calgary charitable foundations, a matching grant from the Advanced Education Endowment Fund, and a grant from NSERC.

The microsurfacing facility is located in B42B Civil/Electrical Engineering Building, adjacent to the Department of Electrical Engineering Optical Shop. The opening on 15 April is by invitation,

but visitors with some interest in optics and their uses are welcome at other times. To view the facility, please contact Barry W. Arnold at 432-4645. □

Criminology Symposium Scheduled in Honor of Gwynn Nettler

As a contribution to the University's 75th Anniversary celebrations, the Department of Sociology and the Centre for Criminological Research are sponsoring a Criminology Symposium on 6 May from 8:30 a.m. to 4:15 p.m. in 231 Law Centre. The symposium has been planned to honor Gwynn Nettler, Professor Emeritus of Sociology, who will be leaving The University of Alberta after twenty years of distinguished service. Professor Nettler is the author of nine books, including the best selling *Explaining Crime*, a third edition of which is now in press, and the recently released four-volume *Criminal Careers*. He has also published more than fifty articles. In 1982 he was honored by the

American Society of Criminology with the Edwin Sutherland Award for his outstanding contribution to theory and research in criminology.

The symposium will highlight nine papers, three of which will be delivered by former students of Professor Nettler's. The remaining participants are all internationally renowned criminologists. The papers' topics range from international criminal statistics to domestic violence to school crime. The symposium will conclude with a banquet in the Faculty Club. There is no registration fee for the symposium but interested people should pre-register by contacting Ilze Hobin, Population Research Laboratory, Department of Sociology. □

Benjamin Joseph Eastwood, 1918 - 1983

Benjamin Joseph Eastwood, Associate Professor of Dental Health Care, passed away on 25 March 1983 after a lengthy illness.

Dr. Eastwood was born in Edmonton in 1918 and educated at Westmount and Victoria Composite High School.

He graduated from The University of Alberta in 1942 with the DDS degree and immediately joined the Canadian Army Dental Corps, serving overseas during the Second World War in a dental officer capacity. During the course of the war, he attained the rank of major.

He returned to Edmonton after hostilities ceased, and went into private dental practice with his father. He joined the University of Alberta's Dental Faculty as a

part-time instructor in 1946, teaching in the Departments of Restorative Dentistry and Orthodontics. Dr. Eastwood was subsequently appointed a full-time instructor in the Department of Community Dental Health (as it was then designated) in 1977, attaining the rank of Associate Professor. He had previously assisted in setting up the Faculty of Dentistry's Total Patient Care Dental Clinic as part of its instruction and public service program.

Soon after his full-time appointment to the University, he suffered a disabling stroke that resulted in illness bravely borne for nearly six years.

Dr. Eastwood is survived by his wife, three sons and one daughter. □



This quilted wall-hanging graces the stairwell between the second and third floors of University Hall. It was recently presented to the University as a 75th Anniversary gift by the Faculty Women's Quilting Group.

service information

All information to be included in this column must reach the Office of Community Relations by 9 a.m. the Thursday prior to publication.

Coming Events

Department of History

16 April, 2 p.m. The Reverend Canon Douglas R. Vicary, Precentor of Wells Cathedral, will give a slide presentation, "Conserving the Medieval Heritage, Pioneering Work at Wells Cathedral." B-2 Tory Lecture Theatre.

Faculty of Pharmacy and Pharmaceutical Sciences

18 April, 10 a.m. Chris R. Triggle, Pharmacology Department, Faculty of Medicine, Memorial University of Newfoundland, will present a seminar entitled "Studies on the mode of action of calcium antagonists." 2093 Dentistry/Pharmacy Centre.

20 April, noon. Dr. Triggle will speak on "Hypertension: a comparative study of smooth muscle function in SHR and Dahl-salt sensitive rat." Dr. Triggle's visit is being sponsored by the Medical Research Council Visiting Professor program and in part by the Alberta Heritage Foundation for Medical Research. 9-68 Medical Sciences Building.

Department of Immunology

19 April, 11 a.m. Janet M. Decker, Department of Biochemistry, University of South Carolina, will present a seminar entitled, "Inhibition of human natural killer cell cytotoxicity by glycopeptides from target cell membranes." Dr. Decker is an internationally known expert in cellular immunology. The speaker is being sponsored by The Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.

19 April, 4 p.m. Dominick DeLuca, Department of Biochemistry, University of South Carolina, will present a seminar entitled "Inhibition of positive non-lymphoid cells and T cell development in fetal thymus organ culture." Dr. DeLuca is an internationally known expert in cellular immunology. The speaker is being sponsored by The Alberta Heritage Foundation for Medical Research. 8-66 Medical Sciences Building.

Alberta Heritage Foundation for Medical Research

19 April, 4 p.m. Daniel Storm, Department of

Folio accepts display advertising

Size and rates: the basic unit size is 21 agate lines x 11 picas (1 1/2" x 1 7/8"). The full page is divided into 22 such units, any combination of which is available at a cost of \$15 per unit. Half page costs \$165. One column costs \$82.50. A professional/business card unit is available at a cost of \$30. Discounts are offered for extended runs, please enquire.

Other specifications: half-tones (100-line screen or less) are acceptable; no colour or bleeds. Camera-ready copy is necessary. There is a charge of 30c per word for typesetting, and \$7.50 for adjustment of design work. Deadline for submission is one week prior to publication (Thursday, 3 p.m.). Acceptance of advertisements and positioning are at the discretion of the editor.

These rates are effective from 1 January 1981. For more information please telephone 432-2325 and ask about *Folio* display advertising or write to:

Folio Display Advertising
Office of Community Relations
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Edmonton, Alberta
T6G 2E8

Pharmacology, University of Washington, will present a lecture on "Calmodulin: The Molecular Link Between the CAM and CA2+ Regulatory Systems." Sponsored by the Department of Biochemistry. 2-27 Medical Sciences Building.

Faculty Women's Club

20 April, 6:30 p.m. The Annual General Meeting will be held in Lister Hall and husbands of members and guests will be very welcome. The program will honor women of the University over the past seventy-five years. Members are encouraged to wear period costumes and to join in an evening of fun, song, skits and toasts. Tickets are \$12 each and may be obtained from Interest Group Convenors or by contacting V1 Moskalyk at 436-6922.

Limnology and Fisheries Discussion Group

21 April, noon. Jay Babin will speak on "A Test of the Effects of Summer Productivity on Winter Oxygen Depletion." G217 Biological Sciences Building.

Canadian Literatures

22 April, 7:30 p.m. and 23 April, 8 p.m. This conference is designed primarily to discuss Canadian literatures from a variety of critical points of view. It was set up as a joint project between the Edmonton School Boards and the Departments of English, Comparative Literature, and Secondary Education with a view to examining these literatures in their national (English/French) and international contexts, as well as bringing to bear critical methods of approach such as feminism on their analysis. 2-115 Education North.

Seminar on International Development

6 May, 9 a.m. to 4:30 p.m. "The President's Committee on International Development" will hold its third annual seminar "International Development and the University." Register for the seminar prior to 29 April. For more details, contact Merril McDonald at 432-3035.

Music

Department of Music

All events listed below will take place in Convocation Hall unless otherwise stated.

14 April, 8 p.m. A non-compulsory student recital with Marnie Segger on the organ.

15 April, 5 p.m. A non-compulsory student recital with Lisa Tinney, soprano.

15 April, 8 p.m. Violin Class Recital—performers are students of Norman Nelson.

16 April, 8 p.m. A non-compulsory student recital with Haley Simons on the piano.

17 April, 8 p.m. A Benefit Concert for the Waldorf School Association featuring Helmut Brauss and Brandon Konoval, piano, with Kuniko Furuhashi, mezzo-soprano.

19 April, 8 p.m. Baroque Strings.

21 April, 5 p.m. Violin Class Recital—performers are students of Norman Nelson.

22 April, 8 p.m. Chamber Music Class Recital.

23 April, 8 p.m. Two-Piano Recital—performers are students of H. Brauss.

Musicians' Chamber Music Appreciation Society

18 April, 8 p.m. The world premiere of Malcolm Forsyth's "Rhapsody for 14 Solo Strings," commissioned by Stephen and Sue Jane Bryant. The program includes other works for strings.

Exhibitions

Until 15 April. "Five Portfolios—Six Artists." This exhibition is drawn from the print collection of the National Gallery of Canada and offers a unique opportunity for Albertans to view five diverse international print portfolios collected during the 1970s. Ring House Gallery.

20 to 29 April. "M.V.A. Presentations." A selection of recent work in printmaking presented by Richard Yates, Lorraine New, and Janet Cardiff in partial fulfillment for their MVA degrees. Ring House Gallery.

Until 31 May. Books of the Renaissance. The Bruce Peel Special Collections Room, B-37 Cameron Library.

75th Anniversary Events

Until 30 April. Faculty publications by members of the Department of Comparative Literature on display in the Humanities and Social Sciences Library, 2nd Floor Rutherford North, across from the Circulation Desk.

22 to 24 April. International Swim Meet (Pre-Universiade event) Kinsmen Aquatic Centre

Films

Department of Germanic Languages

20 April, 7:30 p.m. "Maria Magdalena" (1973). Admission free. Arts 17.

Radio and Television

Television

Programs broadcast on Q-9 and C-13.

18 April, 9 p.m. Fitness and The Older Adult—"Art Burgess coordinates six exercise programs for retired and semi-retired adults." Programs 5 and 6.

20 April, 9 p.m. Faculty Profiles—Faculty of Education—"Teaching the Teachers" Part II.

21 April, 9 p.m. Soils of Alberta—"A look at the foundations of the Alberta Agriculture Industry."

23 April, 9 p.m. Faculty Profiles—Faculty of Education—"Teaching the Teachers" Part II.

Matters of Faith

Lutheran Campus Ministry Worship each Sunday at 10:30 a.m. in the Newman Centre, the west basement of St. Joseph's College. All are welcome.

SUB Theatre

15 April, 7:30 p.m. King's College presents musician James Ward. Tickets are \$6, available at the Chaplains' Office (SUB), Inside Story Bookstore, and the Canadian Bible Society Bookstore.

16 and 17 April, 1:15 and 3:30 p.m. The Yamaha School of Music presents its Spring Concert. Tickets are free and available at the door. For further information, call 458-1812.

18 and 19 April, 8 p.m. The Citadel Theatre presents Lanford Wilson's Pulitzer Prize winning play "Talley's Folly," featuring the 1981 original cast—Paul Soles and Mary Pirie. Tickets available at all BASS outlets.

20 April, 8 p.m. Charles Gowan Productions present Tafelmusik, performing Baroque music on original instruments. Tickets available at all BASS outlets.

22 April, 2 p.m. University Hospital School of Nursing Graduation Ceremonies. Admission is open to the public.

Non-Credit Courses

Computing Services

Client Training Sessions

Computing Services is taking registrations between 8:30 a.m. and noon for the following non-credit courses. Please phone 432-2261 first to confirm the dates. Payment is required in advance and clients who do not cancel two business days in advance will be charged. Contact Carey, Training Assistant, at 432-2261 or in 323 General Services Building, for more information.

Introduction to Computing

Course number: 877. Date: 18 April. Time: 11 a.m. to 1 p.m. Fee: \$10. Prerequisites: No previous computing experience, but familiarity with a keyboard is required. Place: 351 GSB.

MTS and Editor Fundamentals

Course number: 898. Date: 20, 22 April. Time: 10 a.m. to 1 p.m. Fee: \$15. Prerequisites: "Introduction to Computing" or equivalent working knowledge of a DECwriter terminal and the MTS system. Place: 351 GSB.

MTS Overview

Course number: 926. Date: 26, 28 April. Time: 10 a.m. to noon. Fee: \$15. Prerequisites: "MTS and Editor Fundamentals." Place: 315/327 GSB or 315/357 GSB.

Introduction to SPIRES

Course number: 943. Date: 26, 28 April. Time: 1 to 4 p.m. Fee: \$10. Prerequisites: "MTS and Editor Fundamentals" and a good working knowledge of file editing and terminal use. Place: 315/351 GSB.

Integrated Graphics Overview

Course number: 949. Date: 27 April. Time: 1 to 3:30 p.m. Fee: \$10. Prerequisites: "Introduction to Plotting" is recommended. Place: 315 GSB.

Faculty of Extension

Business, Industrial and Professional Division

For further information on the courses listed below, call 432-5066 or 432-5067

Advanced Management and Leadership Styles and Techniques
Effective Interviewing Techniques

Applied Behavioral Sciences Division

For further information on the courses listed below, call 432-5069.

Communicating Effectively with 3-12 Year-Olds
Assertion and Interpersonal Skills Training—Level I, Section E
Assertion and Interpersonal Skills Training—Level II
The Problem Client: Identification and Resolution of His/Her Problems
Team Management Skills in Health, Education and Social Services
Assertion and Interpersonal Skills Training for Professionals—Level I
Assessing Program Effectiveness
Managing Time Seminar—Section B

Urban and Rural Planning

For further information on the courses listed below, call 432-2912.
Planning Law Update
Public Participation in Community Planning
Economics for Planners
Field Methods

Real Estate Division

For further information on the courses listed below, call 432-5060.
Management of Income Property
How to Survive, Compete, Expand and Make a Profit with Your Own Real Estate Company in the 1980s
Starting Your Own Building and Development Company
Sales and Acquisition—How to Avoid Making Costly Errors
Increasing Your Sales Potential
Second Mortgages: Investment for the 1980s

Courses in Microelectronics

For further information on the courses listed below, call 432-3914

Microprocessor Interfacing

Date: 5 to 28 April. Time: 6 to 9:30 p.m.

Microprocessor Project

Date: 3 to 27 May. Time: 6 to 9:30 p.m.

Notices

Jeff Turner to Retire

Jeff Turner, Associate Librarian, will retire this spring after nineteen years of service with The University of Alberta Library. Mr. Turner will be honored at an informal reception in the Upper Lounge of the Faculty Club on Wednesday, 27 April, from 3 to 6 p.m. Staff, friends, and acquaintances are invited to join him on this occasion and to wish him well on his retirement.

Anyone wishing to contribute toward a retirement gift may do so by sending a cheque made

payable to the *G. Turner Retirement Fund* addressed to: Mrs. Shirley Meyer, 5-12 Cameron Library.

Positions Vacant

The University of Alberta is an equal opportunity employer but, in accordance with Canadian Immigration requirements, these advertisements are directed to Canadian citizens and permanent residents.

Administrative and Professional Officer, Department of Biochemistry

The Department of Biochemistry (comprising 20 academic staff members and 150 non-academic staff, researchers and graduate students) invites applications from suitably qualified persons for the position of Administrative and Professional Officer (APO) to commence 1 July 1983. The salary range for this position is \$24,846 to \$37,266 per annum. The APO reports directly to the Chairman, and is responsible for the administrative management of the Department (including supervision of non-academic staff), the preparation and monitoring of budgets (operating, capital, and trust), timetabling, student registration, the compiling of statistics, and otherwise assisting the Chairman in all matters conducive to the efficiency and harmony of the Department. In addition, the APO is responsible for liaison with the Office of the Dean of Medicine, University Service Departments such as Materials Management, Personnel and Physical Plant, and the Faculty of Graduate Studies and Research.

The position calls for someone with intelligence, tact and initiative, capable of working authoritatively with a variety of people, and possessing office skills such as typing and familiarity with computer terminals.

Applications, including a resume of educational background and employment experience as well as the names of individuals who may be contacted for reference, should be mailed to: APO Selections Committee, Department of Biochemistry, The University of Alberta, Edmonton, Alberta T6G 2H7.

The closing date for receipt of applications is 30 April 1983. Please do not apply in person or by telephone. Suitable applicants will be contacted and arrangements made for an interview.

Non-Academic Positions

To obtain further information on the following positions, please contact Personnel Services and Staff Relations, 2-40 Assiniboia Hall, telephone 432-5201. As positions are filled on an on-going basis, these vacancies cannot be guaranteed beyond 8 April 1983. Salaries are currently under review. For a more up-to-date listing, please consult the weekly Employment Opportunities Bulletin and/or the postings in P.S.S.R.

Clerk Steno II (Trust) (\$1,106-\$1,324)
Engineering Placement Office
Library Assistant II (\$1,373-\$1,682) Faculté Saint-Jean
Secretary (Trust) (\$1,373-\$1,682) Institute of Law Research and Reform
Technical Assistant-Technologist I (Trust) (\$1,232-\$1,992) Oral Biology
Chemistry Technician I (Trust, Part-Time) (\$713-\$877) Chemistry
Chemistry Technician I (Trust) (\$1,426-\$1,754) Physics
Technologist II/III (Trust, Part-Time) (\$808-\$1,133) Pediatrics

Editorial Assistant (Trust) (\$1,682-\$2,078)
Extension-Legal Resource Centre
Console Operator (\$1,908-\$2,368) Computing Services
Programmer/Analyst III (\$2,472-\$3,085)
Computing Services

For vacant library positions, please contact the Library Personnel Office, 5th floor, Cameron Library, phone 432-3339.

Advertisements

Advertisements must reach the Editor by 3 p.m. on the Thursday prior to publication date which date also serves as the deadline for cancellation of advertisements. The cost of placing advertisements is 30 cents per word with no discount for subsequent insertions. There are no refunds. There is a maximum limit of thirty words and a minimum charge of \$1.50. Contributors' corrections will be assessed at \$1.50 for each line in which an insertion is made. Advertisements cannot be accepted over the telephone.

Accommodations available

For rent - Furnished, one bedroom apartment, Spruce Grove, May-September 962-8603.
For sale - One block to campus. Large, four bedroom home with oak floors throughout. Three baths, double garage and finished basement. Call Wayne or Robyn, 436-0444.
Royce Realty.
For sale - One block south of University. Three bedroom semi-bungalow with finished basement (possible suite). Call Robyn or Wayne, 436-0444. Royce Realty
For sale - Aspen Gardens. Four bedrooms, main floor family room, double attached garage. \$114,000. DeAnna Larson, 481-0936, 436-5250. Spencer's
For rent - 1 June 1983 - 1 July 1984. Three bedrooms furnished, garage, fireplace, near West Edmonton Mall. \$950/month, references required. 487-3776 evenings.

For rent - August 1983 - June 1984. Furnished, three bedroom bungalow Duggan. 436-6606
For sale - St. Albert. Super location, four bedrooms, family room, indoor pool, sauna. Resi Richter, 483-9432, 455-4181 A.E. LePage.
Owner sale - Golf Club location, 1,800', four bedroom, split, three baths, fireplace, family/recreation rooms, two car garage. Mortgage \$90,000 (133/4%-1987). \$129,900. No agents. 432-5762, 463-8371.

For rent - Furnished, South Side. Three bedrooms, all appliances, basement finished with extra bedroom and bath. Patio, double heated garage. 1 June - June 1984. \$975. 435-1549.

For rent - Blue Quill (opposite Derrick Club) furnished house, four bedrooms, 2 1/2 baths, two fireplaces, large yard, garage. 16 July - 16 Sept. Moderate rent negotiable. 439-7311. 8 a.m. to 4 p.m.

For sale - Three bedroom bungalow, Rio Terrace cul-de-sac, large yard with deck, double garage, fireplace, finished basement. \$104,000. 487-1104

Sublet - One bedroom apartment, College Plaza, June-Sept. 477-4360, 432-9184 evenings.

For rent - 1 May occupancy, five bedroom house, 109 St. and 73 Ave., unfurnished except for stove/refrigerator. \$750. Phone 436-0181.

Sublet - Quiet, large, one bedroom apartment. May and/or June. Walking distance from campus. Phone mornings 9-12. 433-7221.

Sale or rent - Luxury home, Saskatchewan Drive. 423-2361, 439-3833.
For rent - Professor's, furnished, three bedroom, Bluequill townhouse, June 1983 - August 1984, \$650/month. 437-7924, 432-2169.
For rent - Summer Session House - Modern, fully furnished, five bedrooms, country setting in Riverbend. 434-6022 evenings.
For rent - Available 1 May, large, completely furnished house, minutes from University Hospital and campus. 432-7845.
For rent - Furnished house, two blocks from campus. 1 May to 31 August. \$350/month. Phone 436-2634 evenings.
For rent - Semi-split, Parkallen. Two bedroom, upper, \$500; one bedroom, self-contained, lower, \$325; or negotiable for whole house 1 May or 1 June. 436-1280.
For rent - Fully furnished, three bedroom house. Walking distance University. One year from July or August. Reasonable rent to careful tenants. 433-0405, 432-5828.

Sublet - May to August. Three bedroom house near campus, family or three students. \$700/month. 432-1760.
For rent - Furnished, one bedroom, basement suite, near Southgate. Non-smoker preferred. Parking. \$350 434-8801. 6-7 p.m.
For rent - One/two bedroom apartment, close University, Southgate 436-7002, 436-9845, 489-7416.

For sale - By owner. North Windsor Park. Immaculate, two bedroom bungalow in quiet location, one block from University. New carpets, rumpus room in basement, double garage, mature trees. 433-6795.
For rent - Four bedroom home Sherwood Park. Fenced yard, garden, rumpus room, fireplace. 1 June. \$750. 469-8076, 6:30-8 30 p.m.
For rent - One bedroom, basement suite. One block from campus, quiet. \$300 per month. Call 433-0722 after 4 p.m.
For sale - St. Albert. Three bedroom bungalow, large kitchen, large backyard, good neighborhood, partial basement development. \$88,700. Phone 459-6752.
Roommate wanted - Non-smoker. \$185. 435-3089.

Autos and others

1980 P-22, 1980 Vanagon camper. 469-1976, 432-5825.

Goods for sale

Electric, drafting table, 40"x60", \$1,200. Stereo, component system, \$1,200. Traveller's typewriter, \$60. K-size bed c/w foam mattress, \$350. K-size sheet-sets (3) \$250. 424-8586.
DEC VT100 terminal and 300 baud, acoustic coupler. New, retails for \$3,027, asking \$1,800. 432-2724 days, 463-1345 evenings.
Moving sale - Mercury Marquis 1974, excellent condition, \$1,000. Double bed sofa, baby's furniture. 439-6701, #104, 10530-83 Ave
Distinctive, Bueche Girod lady's watch. Bracelet 18k white gold; 16 diamonds and 16 emeralds encircle face Perfect working order. To view, phone B. Harvey, 432-2268 days.
English (Wilson) high pram. Beautiful condition c/w toddler seat. \$550 o.b.o. 467-8996.

Services

Donnic Word Processing. Specializing in theses, manuscripts, etc. 8315A-105 St. 432-1419.
Singing teacher, Eileen Turner 439-4661.
Back Basics! Total care for back and spine! Medical massages - unique physiotherapy. Spine specialist, Maria Krieg, University trained in Duesseldorf. Gift certificates. 11627-75 Ave. 436-8059.

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American Tax Returns - Eberlein Consulting.
434-0563.

Professional typist - Word processing. Specializing
in theses and dissertations. Gwen 467-9064.

For all your typing - large or small. Southside
Secretarial Services, 9629-82 Ave. 432-9419.

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Phone 483-2035 evenings, anytime weekends.

Serendipity Shop. 10% discount on picture framing
until 15 April. To clear, pottery, toys, gift

items, some Canadiana - frames 50¢ to \$7. Hours
10:30 a.m.-5:00 p.m. Tues.-Sat. Phone 433-0388.

Riding Camp, July, for 10-14 year olds.

Ministick Hills Field Study Centre. 1-662-2280.
Will type term papers, thesis. Westend.

\$1.25/page. 481-3251.

Attention singles! Join our fascinating,
congenial group for socials, conversation, dining,
sports. For information, call 458-0389,
468-6215, 482-6795.

Watercolor classes - Beginner to advanced.

Hanna Ludscher. Call 453-2504.

Students' Union and Community Day Care,

HUB Mall, have five summer openings between
1 May and 31 August, for children 2 1/2 -

6 years. Full-time care only. Phone 432-2245.

Tax

Preparation and Consulting

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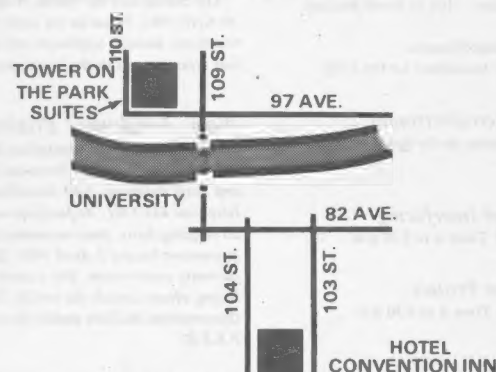
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